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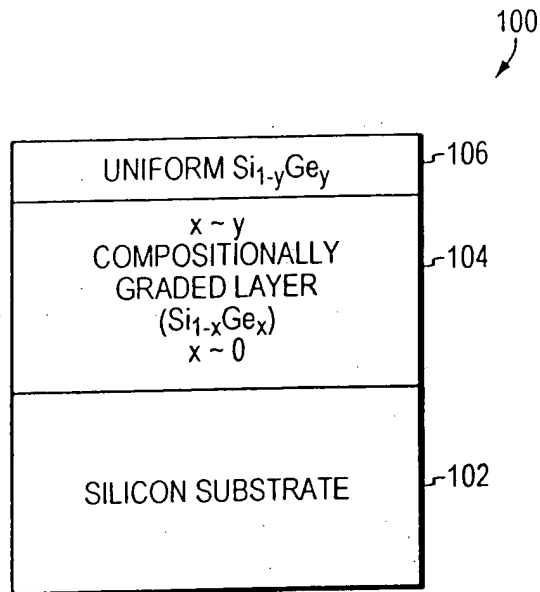


FIG. 1

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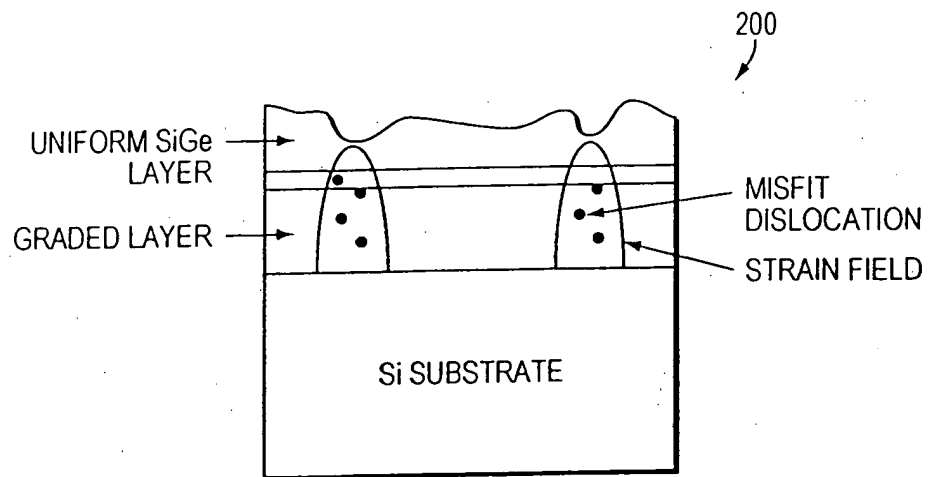


FIG. 2

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TYPE OF SURFACE	AVERAGE ROUGHNESS (nm)
AS-GROWN GRADED COMPOSITION RELAXED SiGe	7.9
PLANARIZED SiGe	0.57
REGROWTH SiGe, LATTICE-MATCHED	~0.6
REGROWTH SiGe, LIGHT MISMATCH, THICKNESS = 1.5 $\mu$ m	0.77

FIG. 3

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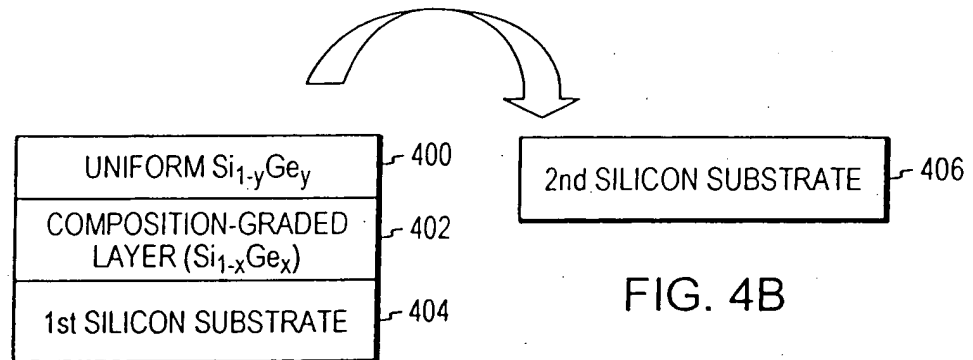


FIG. 4B

FIG. 4A

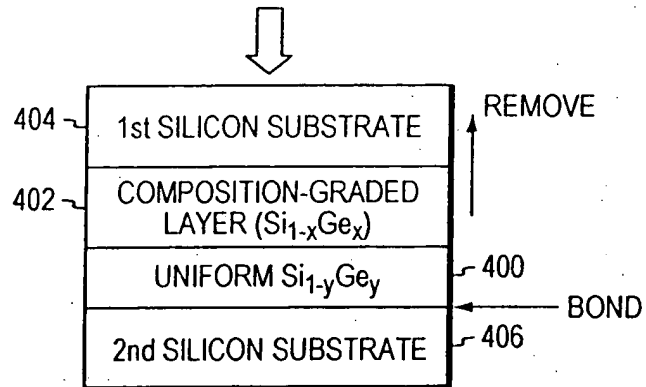


FIG. 4C

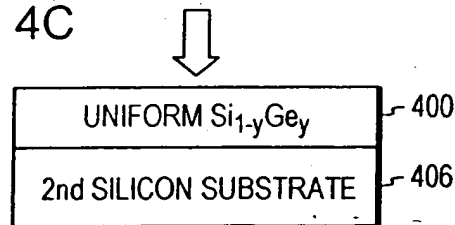


FIG. 4D

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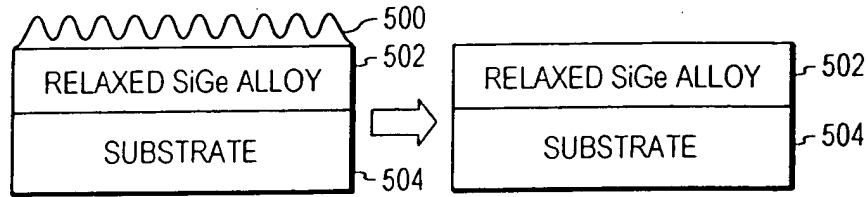


FIG. 5A

FIG. 5B

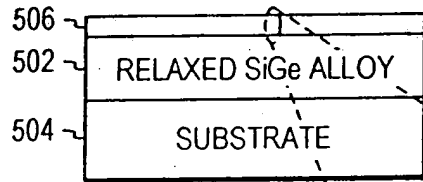


FIG. 5C

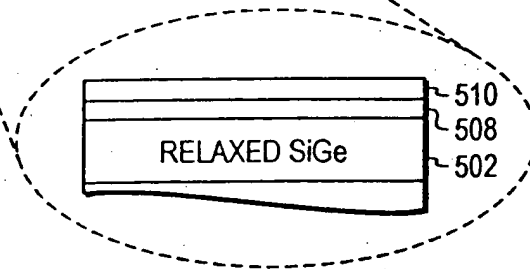


FIG. 5D

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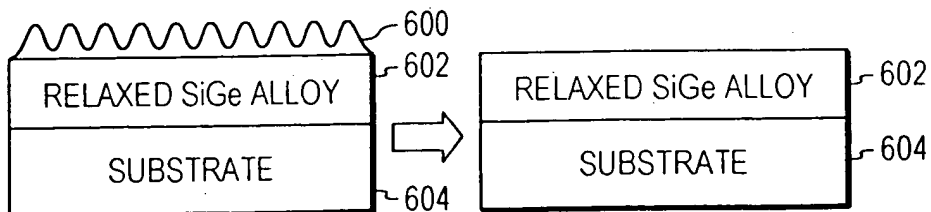


FIG. 6A

FIG. 6B

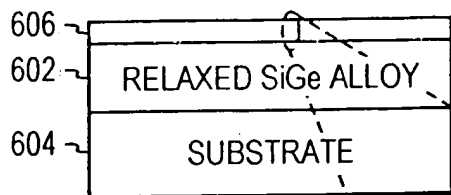


FIG. 6C

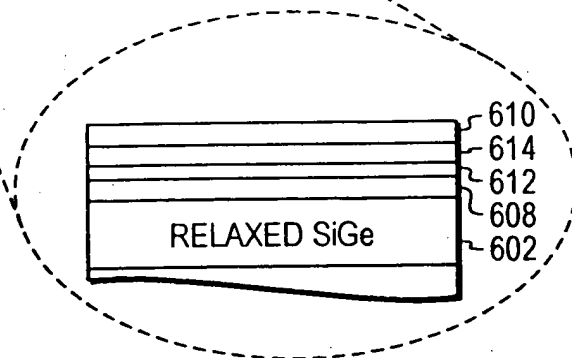


FIG. 6D

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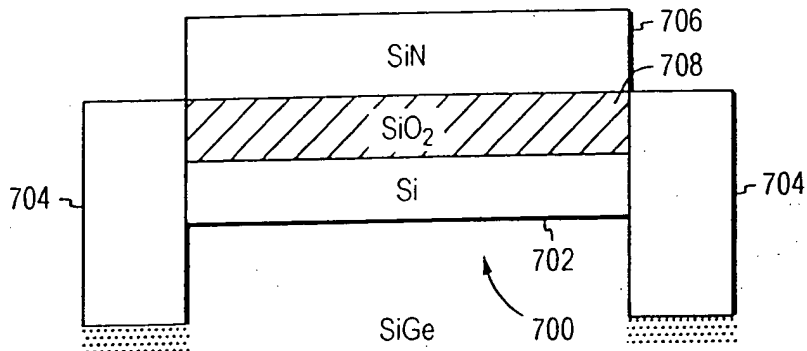


FIG. 7A

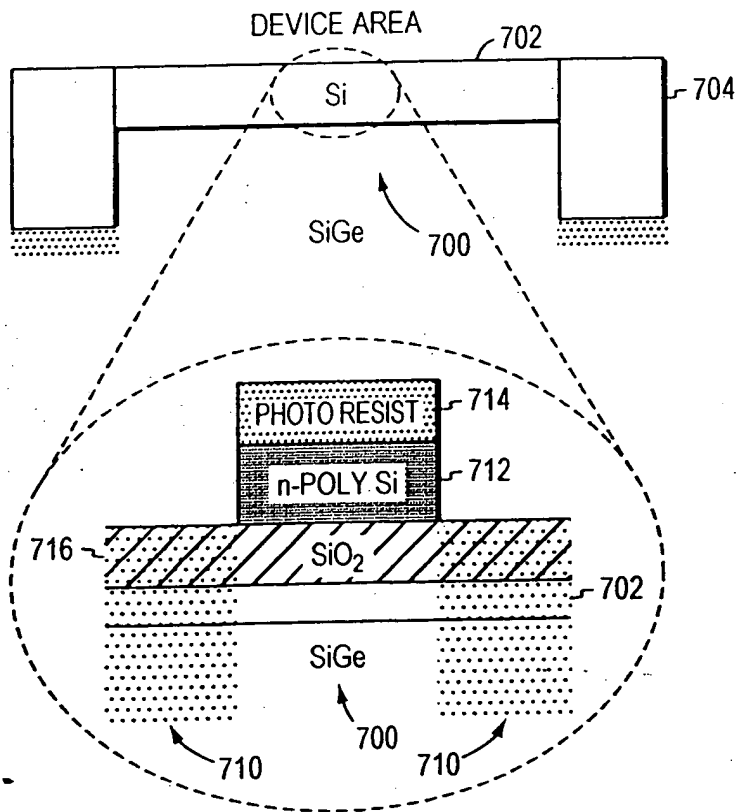


FIG. 7B

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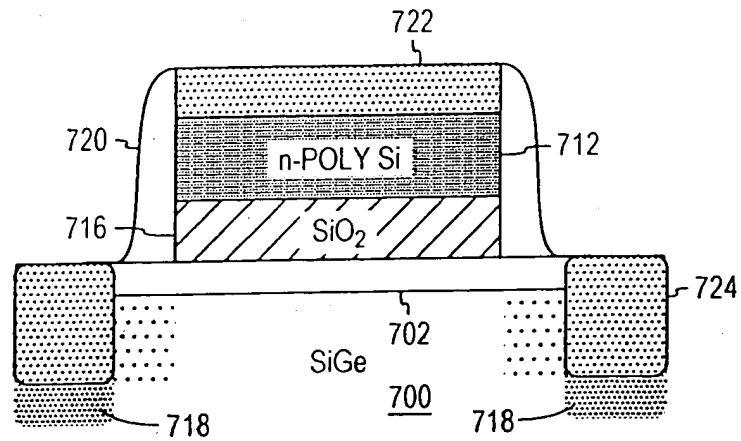


FIG. 7C

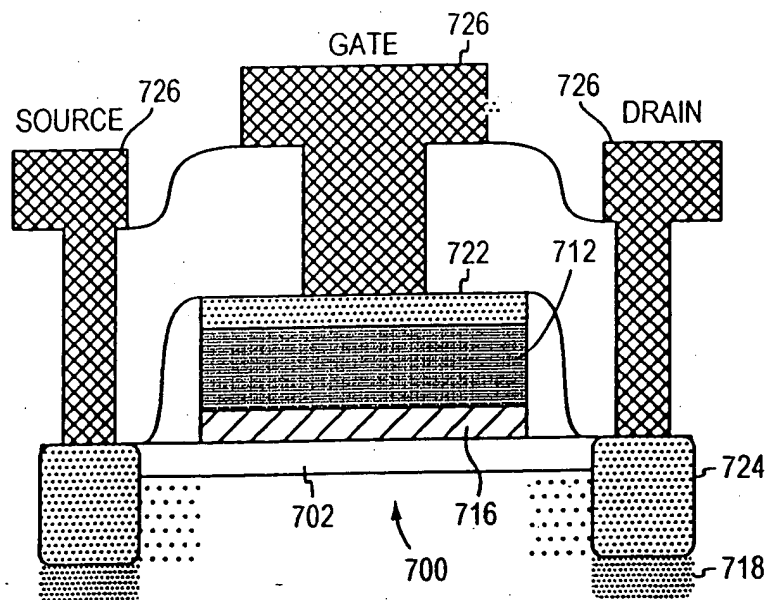


FIG. 7D



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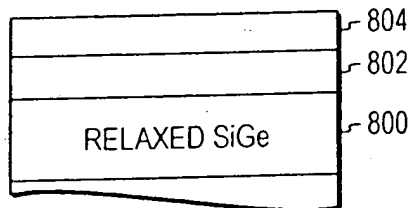


FIG. 8A

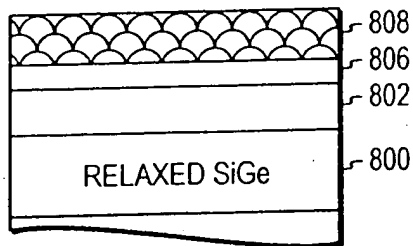


FIG. 8B

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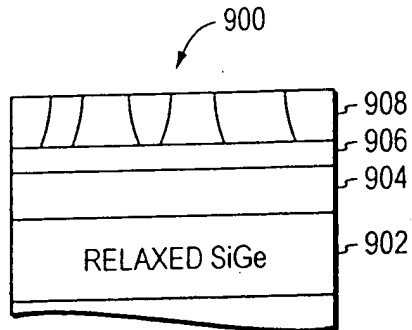


FIG. 9A

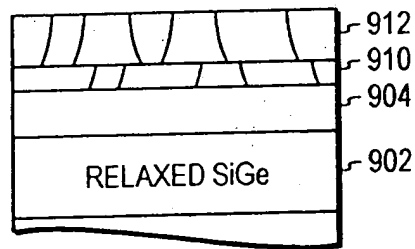


FIG. 9B

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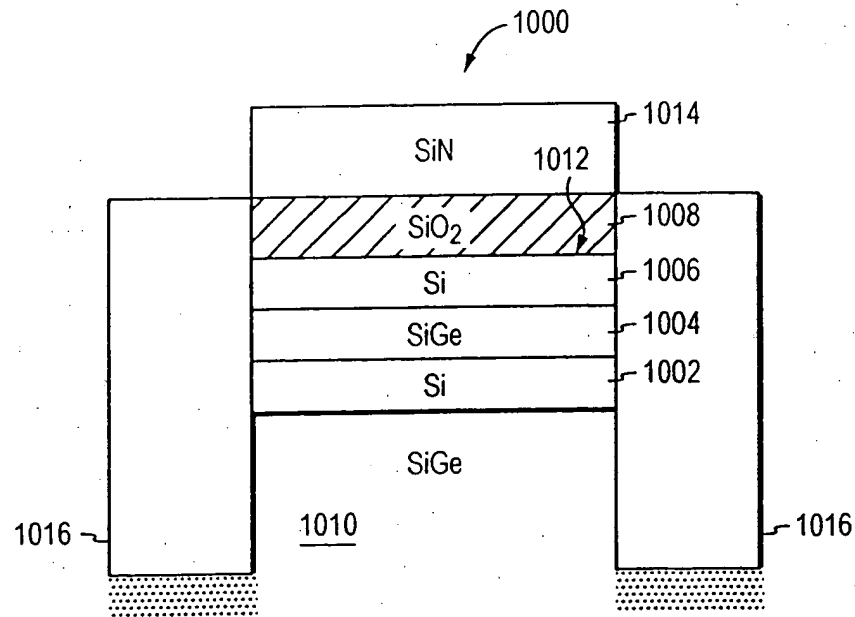


FIG. 10

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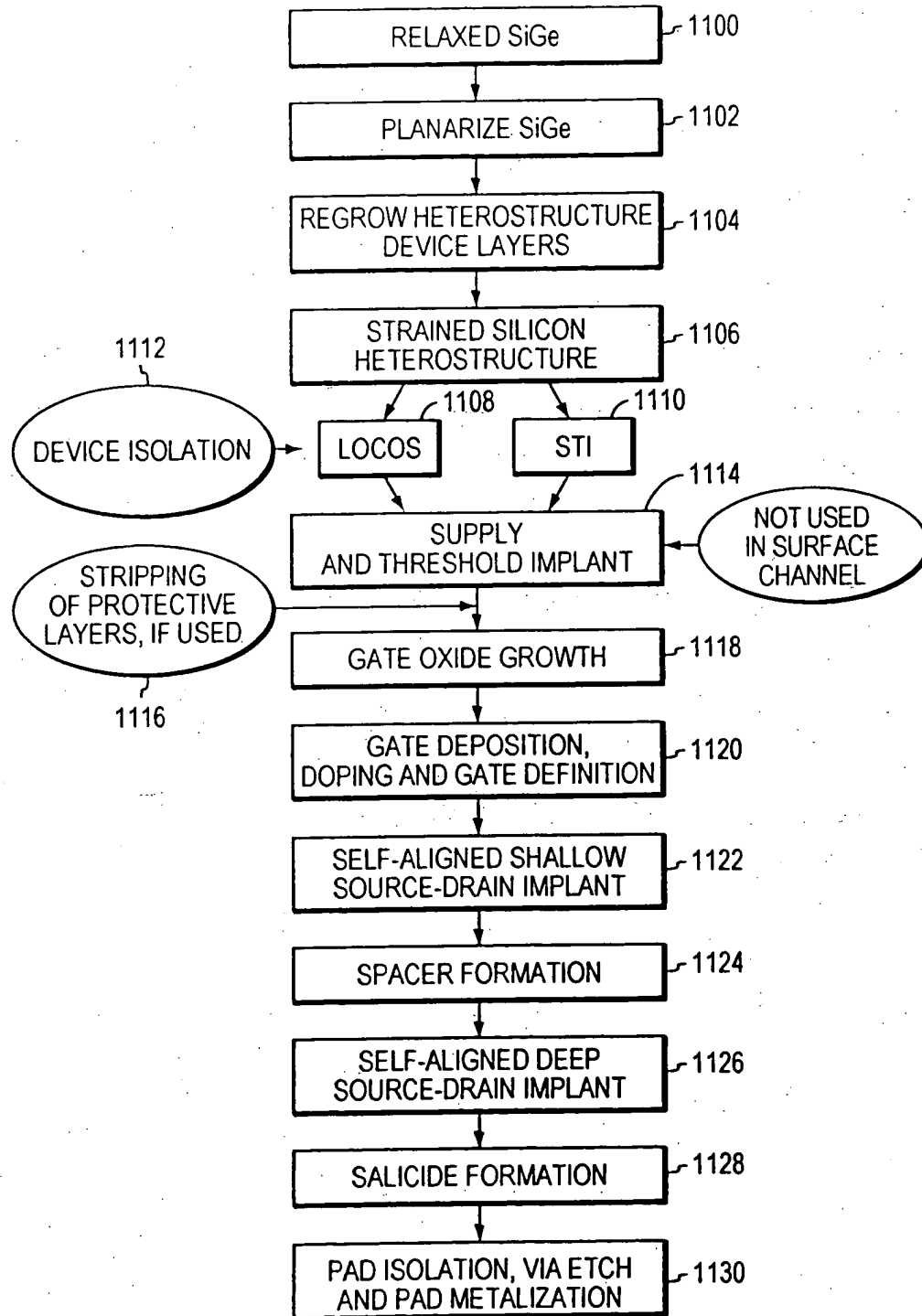


FIG. 11

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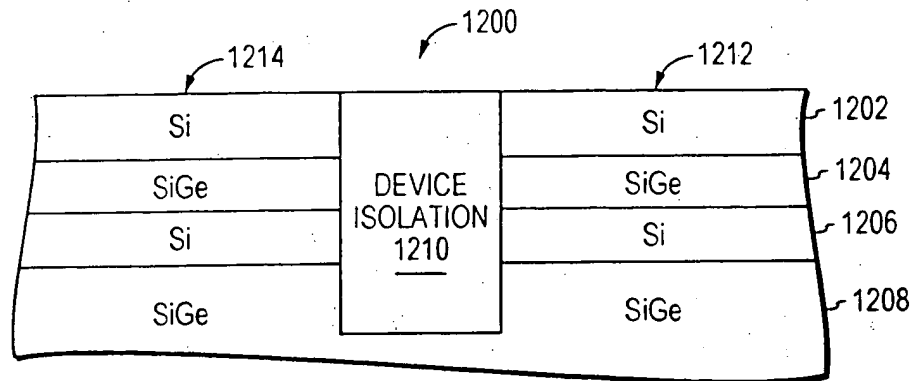


FIG. 12A

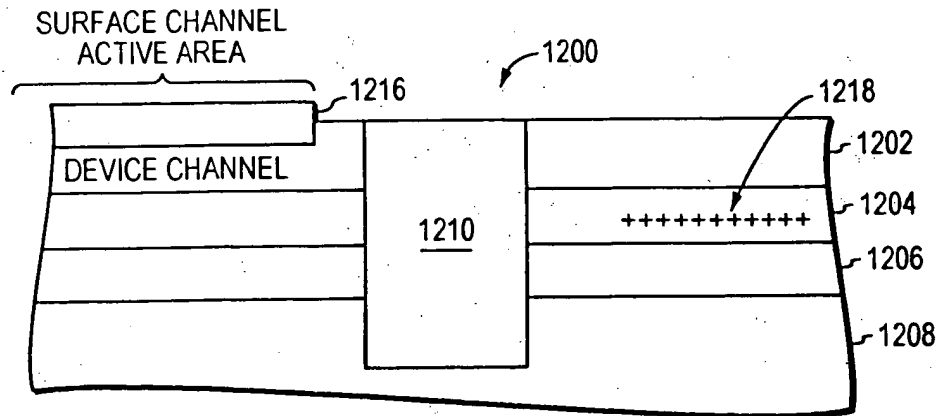


FIG. 12B

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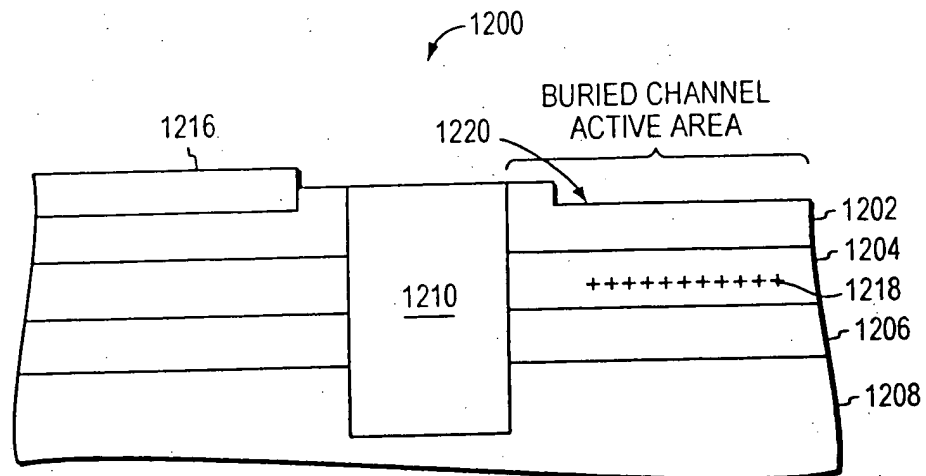


FIG. 12C

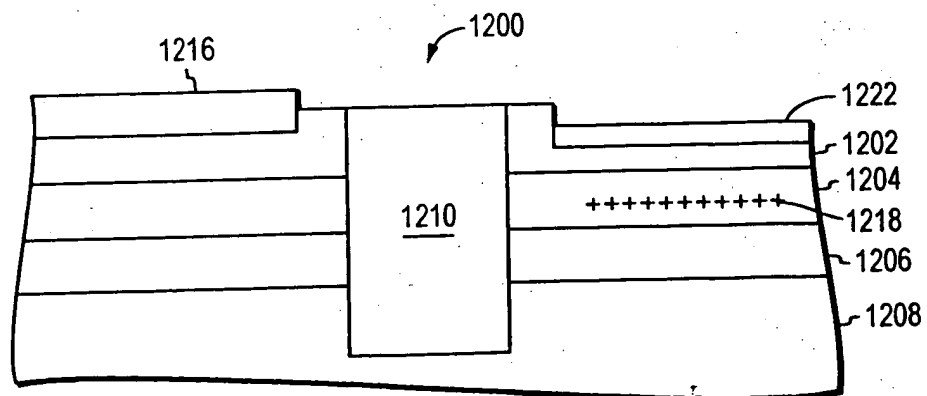


FIG. 12D

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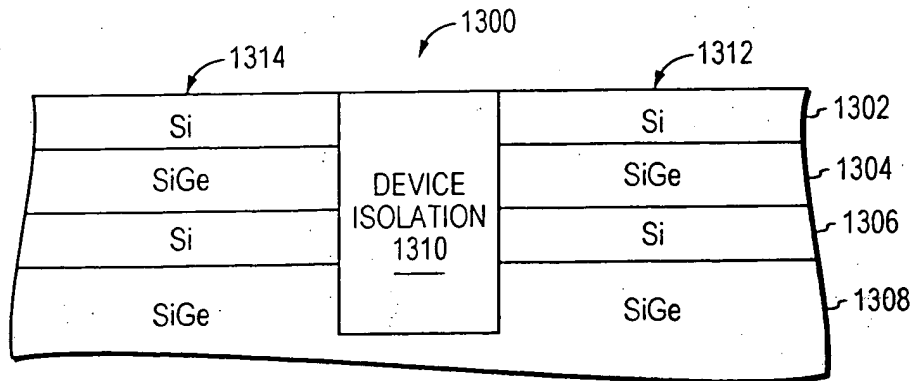


FIG. 13A

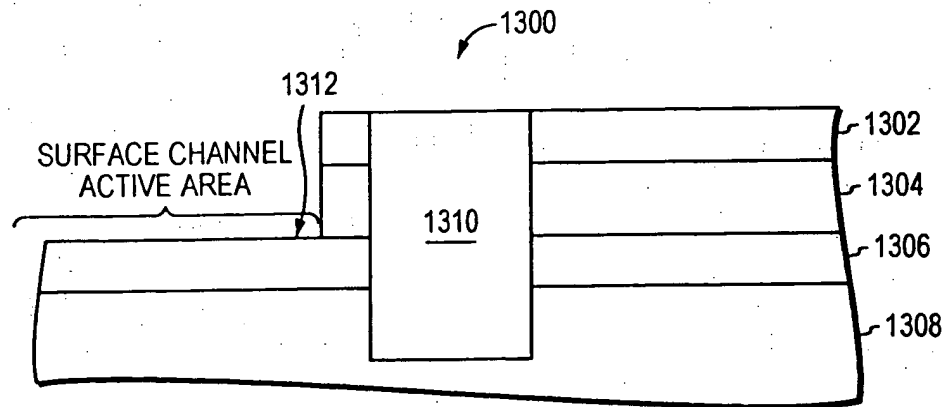


FIG. 13B

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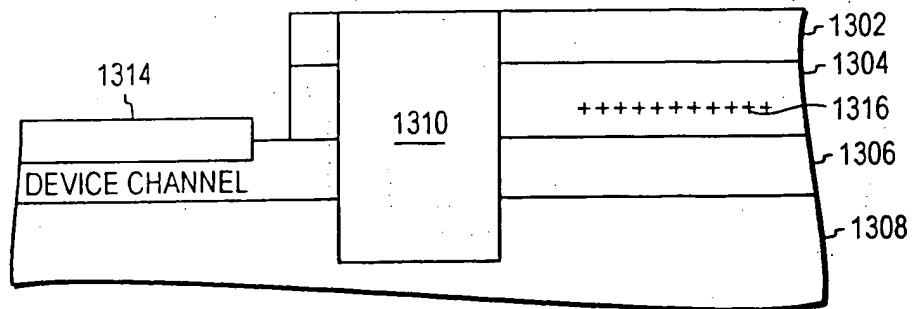


FIG. 13C

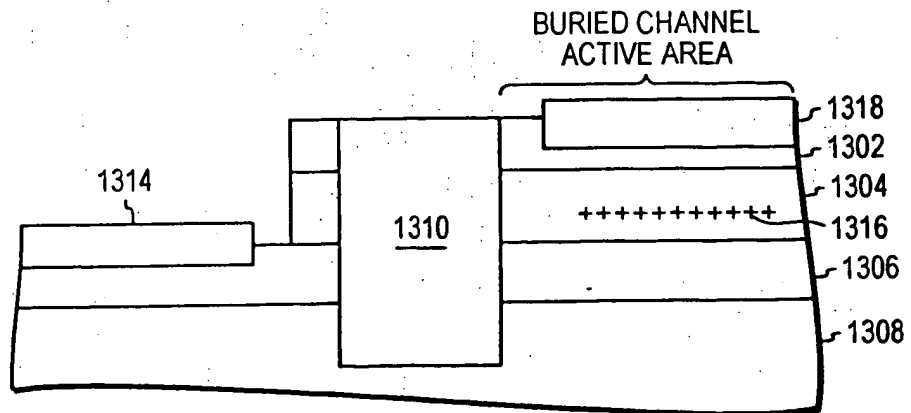


FIG. 13D



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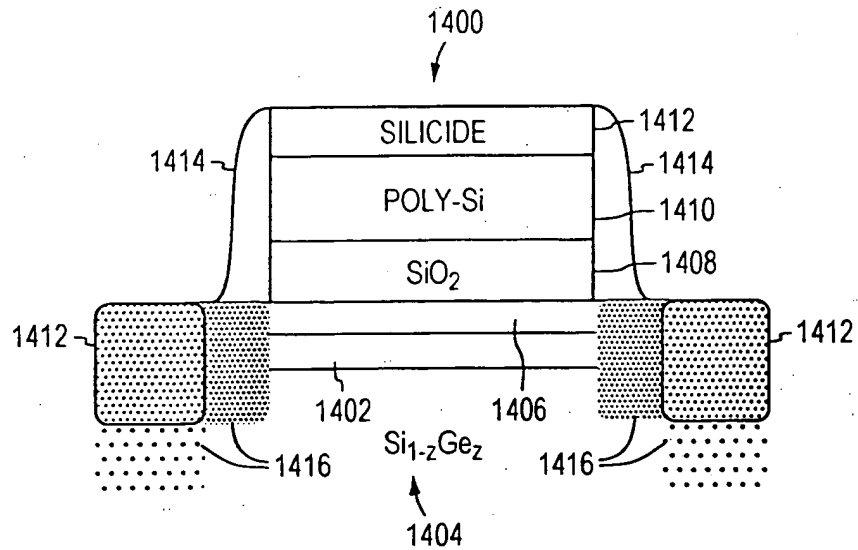


FIG. 14A

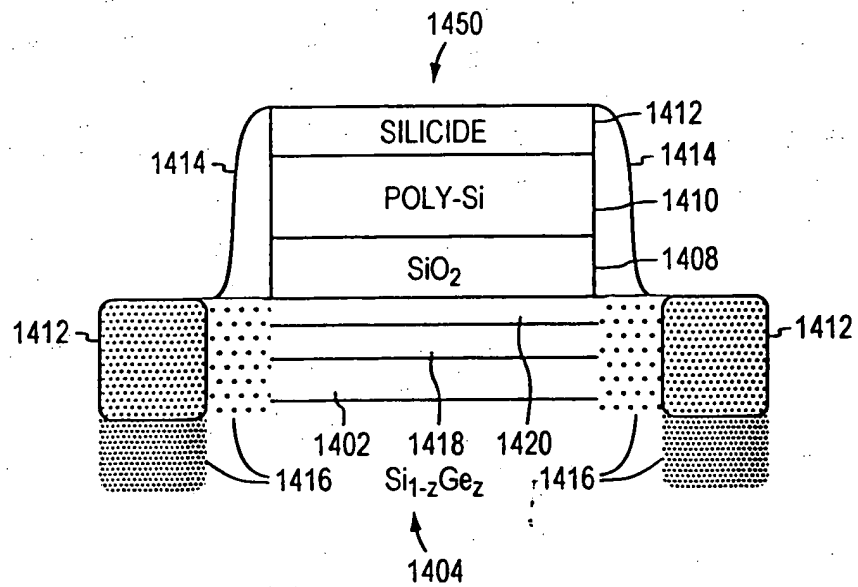


FIG. 14B